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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Donald L. Yates et al.

Title: METHOD OF FORMING A MAGNETIC RANDOM ACCESS MEMORY STRUCTURE

Docket No.: 303.868US1

Serial No.: 10/789,381

Filed: February 27, 2004

Due Date: N/A

Examiner: Unknown

Group Art Unit: 2812

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

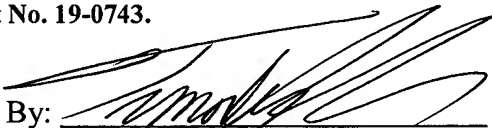
We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard.
- ☒ Power of Attorney by Assignee And Certificate by Assignee Under 37 CFR § 3.73 (b) (1 Page).
- ☒ Copy of Original Recorded Assignment (6 pgs.).

Please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number 21186

By:   
Atty: Timothy B. Clise  
Reg. No. 40,957

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 14 day of June, 2004.

Kyrstin Ryan  
Name

Kyrsti Ryan  
Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

(GENERAL)



S/N 10/789,381

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**POWER OF ATTORNEY BY ASSIGNEE AND  
CERTIFICATE BY ASSIGNEE UNDER 37 CFR § 3.73(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Micron Technology, Inc., assignee of the entire right, title and interest in the above-identified application by assignment attached hereto, hereby appoints the attorneys and agents of the firm of SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A., listed as follows:

Anglin, J. Michael	Reg. No. 24,916	Greaves, John N.	Reg. No. 40,362	Newton, Ruth H.	Reg. No. 26,657
Arora, Suneel	Reg. No. 42,267	Harris, Robert J.	Reg. No. 37,346	Nielsen, Walter W.	Reg. No. 25,539
Beckman, Marvin L.	Reg. No. 38,377	Houston, Bruce E.	Reg. No. 55,280	Obermark, Thomas C.	Reg. No. 55,506
Bianchi, Timothy E.	Reg. No. 39,610	Jackson Huebsch, Katharine A.	Reg. No. 47,670	Padys, Danny J.	Reg. No. 35,635
Billion, Richard E.	Reg. No. 32,836	Jurkovich, Patti J.	Reg. No. 44,813	Parker, J. K.	Reg. No. 33,024
Black, David W.	Reg. No. 42,331	Kalis, Janal M.	Reg. No. 37,650	Peacock, Gregg A.	Reg. No. 45,001
Bohanek, Robert	Reg. No. 52,627	Klima-Silberg, Catherine I.	Reg. No. 40,052	Perdok Shonka, Monique M.	Reg. No. 42,989
Brennan, Thomas F.	Reg. No. 35,075	Kluth, Daniel J.	Reg. No. 32,146	Peret, Andrew R.	Reg. No. 41,246
Chadwick, Robin A.	Reg. No. 36,477	Lacy, Rodney L.	Reg. No. 41,136	Peterson, David C.	Reg. No. 47,857
Clark, Barbara J.	Reg. No. 38,107	Lundberg, Steven W.	Reg. No. 30,568	Price, Lucinda G.	Reg. No. 42,270
Clise, Timothy B.	Reg. No. 40,957	Maki, Peter C.	Reg. No. 42,832	Prout, William F.	Reg. No. 33,995
Dahl, John M.	Reg. No. 44,639	Malen, Peter L.	Reg. No. 44,894	Schumm, Sherry W.	Reg. No. 39,422
DeLizio, Andrew	Reg. No. 52,806	Mates, Robert E.	Reg. No. 35,271	Schwegman, Micheal L.	Reg. No. 25,816
Drake, Eduardo E.	Reg. No. 40,594	McCrackin, Ann M.	Reg. No. 42,858	Speier, Gary J.	Reg. No. 45,458
Embretson, Janet E.	Reg. No. 39,665	Mehrl, Joseph P.	Reg. No. 45,535	Steffey, Charles E.	Reg. No. 25,179
Forrest, Bradley A.	Reg. No. 30,837	Morris, Nicole N.	Reg. No. 55,467	Tang, Zhengnian	Reg. No. 55,666
Garrett, John R.	Reg. No. 27,888	Muller, Mark V.	Reg. No. 37,509	Tong, Viet V.	Reg. No. 45,416
Gorrie, Gregory J.	Reg. No. 36,530	Nelson, A. James	Reg. No. 28,650	Woessner, Warren D.	Reg. No. 30,440

and also attorneys Russell D. Slifer (Reg. No. 39,838) and Michael L. Lynch (Reg. No. 30,871) of Micron Technology, Inc., as its attorneys with full power of substitution to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith.

The assignee certifies that the above identified assignment has been reviewed and to the best of the assignee's knowledge and belief, title is in the assignee.

Please direct all correspondence regarding this application to the following:

Schwegman, Lundberg, Woessner & Kluth, P.A.  
Attn: Timothy B. Clise  
P.O. Box 2938  
Minneapolis, MN 55402

Telephone: (612) 349-9587  
Facsimile: (612) 339-3061

Dated: Feb 7, 2004

**MICRON TECHNOLOGY, INC.**

By: [Signature]

Name: Michael L. Lynch

Title: Chief Patent Counsel



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231



\*700068934\*

JUNE 04, 2004

PTAS

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH  
TIMOTHY B CLISE  
P.O. BOX 2938  
MINNEAPOLIS, MN 55402

UNITED STATES PATENT AND TRADEMARK OFFICE  
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/03/2004

REEL/FRAME: 014686/0924

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 303.868US1

## ASSIGNOR:

YATES, DONALD L.

DOC DATE: 02/27/2004

## ASSIGNOR:

SIGNORINI, KAREN T.

DOC DATE: 02/26/2004

## ASSIGNEE:

MICRON TECHNOLOGY, INC.  
8000 SO. FEDERAL WAY  
BOISE, IDAHO 83716-9632

SERIAL NUMBER: 10789381

FILING DATE: 02/27/2004

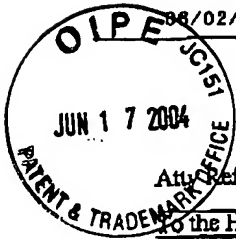
PATENT NUMBER:

ISSUE DATE:

TITLE: METHOD OF FORMING A MAGNETIC RANDOM ACCESS MEMORY STRUCTURE

014686/0924 PAGE 2

LAZENA MARTIN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



06/03/2004  
700088934  
RECORDATION FORM COVER SHEET  
PATENTS ONLY

Atty Ref/Docket No.: 303.868US1

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Donald L. Yates and Karen T Signorini

Additional name(s) of conveying party(ies) attached?  
[ ] Yes [X] No

## 3. Nature of conveyance:

[X] Assignment [ ] Merger  
[ ] Security Agreement [ ] Change of Name  
[ ] Other

Execution Date: February 27, 2004, February 26, 2004

## 2. Name and address of receiving party(ies):

Name: Micron Technology, Inc.

Street Address: 8000 So. Federal Way

City: Boise State: ID Zip: 83716-9632

Additional name(s) &amp; address(es) attached? [ ] Yes [X] No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 10/789,381, filed February 27, 2004

Additional numbers attached? [ ] Yes [X] No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Timothy B Clise

Address:  
Schwegman, Lundberg, Woessner & Kluth, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402

## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 CFR 3.41): \$ 40.00

[ ] Enclosed

[X] Authorized to be charged to deposit account

No. 19-0743.  
8. Please charge any additional fees or credit any over payments to our Deposit account number: 19-0743

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Timothy B Clise/Reg. No. 40,957  
Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 4

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## ASSIGNMENT

WHEREAS, We, Donald L. Yates, residing at 11151 Musket Street, Boise, ID 83713, and Karen T Signorini, residing at 106 Evergreen Drive, Boise, ID 83716, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States on even date herewith, which is entitled METHOD OF FORMING A MAGNETIC RANDOM ACCESS MEMORY STRUCTURE.

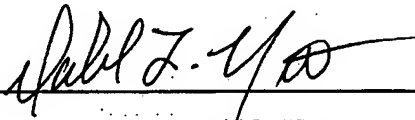
AND WHEREAS, Micron Technology, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 8000 So. Federal Way, Boise, ID 83716-9632 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 27 day of February, 2004.

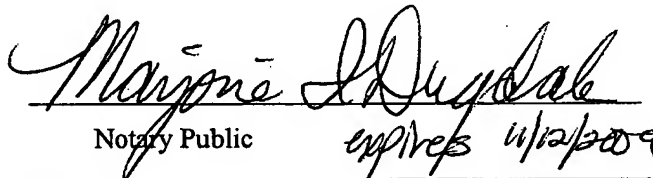
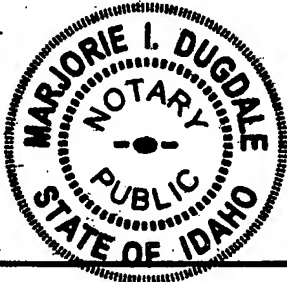


Donald L. Yates

STATE OF Idaho )  
 )ss  
COUNTY OF Ada )

On this 27<sup>th</sup> day of February, 2004 before me personally appeared Donald L. Yates, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



Notary Public *expires 4/12/2009*



IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day of  
February, 2004.

Karen T. Signorini

Karen T. Signorini

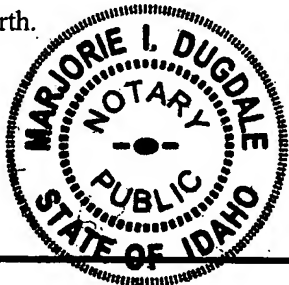
STATE OF Idaho)

)ss

COUNTY OF Ada)

On this 26<sup>th</sup> day of February, 2004 before me personally appeared Karen T. Signorini, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]



Marjorie I. Dugdale

Notary Public

expires 11/12/2007